

18 May 1971

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report, [redacted]
Non-Lethal Personnel Incapacitation,
Drs. [redacted]

1. There was a delay in full scale initiation of this work by [redacted] because of other uncompleted Agency assignments. Inasmuch as future requirements for continuation of effort in this area is uncertain, the temporary delay was in no way detrimental to the completion of a hardware system. [redacted] will request a no-cost extension to compensate for the decreased expenditure rate during the first three months of the contract.

2. The purpose of the meeting was to reach agreement on the future structure of the program. Although outstandingly competent in the broad medical and allied sciences field, assigned personnel were relatively naive in the general area of personnel incapacitation. Such a situation is not unreasonable since most of the prior work in this area has been accomplished by engineering and ordnance experts with occasional consultation from the biological sciences. During the past several months [redacted] personnel have had an opportunity to saturate themselves with the pertinent incapacitation literature. The present visit was an appropriate time to determine the efficient use of funds and direction of effort. The Project Officer had previously forwarded [redacted] an outline of possible program direction and they in turn had prepared a suggested program in terms of their particular capability. The results of the meeting resulted in a consensus of opinion which was mutually agreeable. Without detailed elaboration, the agreed upon general principles included:

(a) The general flavor would remain as outlined in the original proposal, i.e., the [redacted] effort in the total program would be primarily concerned with the biomedical aspects of long-range programs, as opposed to major participation in QRC-type projects.

(b) Although literature evaluation and review will continue, it will play a minor role in the total project.

(c) Primary effort will be devoted to the consideration and evaluation of new concepts as opposed to refinement or evaluation of data in the traditional categories of impact, standard chemical, sound, and light systems of incapacitation. The search for new concepts will be directed from the "inside out" biomedical point of view as opposed to most of the prior work which started with ordnance, or some form of external energy and then asked the question of "what effect will this have on humans." In the present case, the starting point will be potential vulnerability of physiological systems followed by the question of possible ordnance or other hardware equipment to accomplish the desired result.

3. Although _____ personnel have several new concepts under consideration, both they and the Project Officer are aware that a gamble on new ideas is a high-risk investment.